marked up versions are not being supplied for any added claim or canceled claim.

CLAIMS

1. (Amended) A method of forming a conductive line comprising the following

steps:

forming a polysilicon layer;

forming a silicide layer against the polysilicon layer;

providing a conductivity-enhancing impurity within the silicide layer; and after the providing of the conductivity-enhancing impurity, etching the polysilicon layer and the silicide layer into a conductive line shape.

- 2. The method of claim 1 wherein the silicide comprises a metal selected from the group consisting of tungsten, titanium, molybdenum and cobalt.
- 3. The method of claim 1 wherein the steps of forming the silicide layer and providing the conductivity-enhancing dopant therein together comprise:

depositing a metal together with the conductivity-enhancing impurity on the polysilicon layer; and

reacting the metal with the polysilicon to form the silicide layer having the conductivity-enhancing impurity therein.

4. The method of claim 1 wherein,

the step of forming the silicide layer comprises chemical vapor depositing silicide on the polysilicon layer; and

the step of providing the conductivity enhancing impurity comprises chemical vapor depositing the conductivity-enhancing impurity *in situ* with the chemical vapor depositing of the silicide.

5. The method of claim 1 wherein,

the step of forming the silicide layer comprises chemical vapor depositing a tungsten-comprising silicide on the polysilicon;

the step of providing the conductivity-enhancing impurity comprises chemical vapor depositing the conductivity-enhancing impurity *in situ* with the chemical vapor depositing of the tungsten-comprising silicide; and

the conductivity-enhancing impurity comprises a group III or a group V element.

- 6. The method of claim 5 wherein the step of chemical vapor depositing the conductivity-enhancing impurity comprises utilizing a precursor compound selected from the group consisting of PH₃, AsH₃, and diborane.
- 7. The method of claim 1 wherein the conductivity-enhancing impurity is provided to a concentration of at least about 1 x 10^{18} ions/cm³ within the silicide layer.

8. The method of claim 1 wherein the step of forming the silicide layer and the step of doping the silicide layer together comprise:

providing a target comprising a metal, silicon and the conductivity-enhancing impurity; and

sputtering of the target to form the silicide layer and the conductivity-enhancing impurity within the silicide layer, the silicide layer comprising the metal.

9. The method of claim 1 wherein the step of providing the conductivity-enhancing impurity comprises:

ion implanting the conductivity-enhancing impurity into the silicide layer after forming the silicide layer.

10. The method of claim 1 wherein the polysilicon layer is doped with the conductivity-enhancing impurity, and wherein the step of providing the conductivity-enhancing impurity comprises:

out-diffusing the conductivity-enhancing impurity from the doped polysilicon layer into the silicide layer.

11. The method of claim 1 wherein the step of providing the conductivity-enhancing impurity comprises:

gas phase chemical doping of the silicide layer.

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12. The method of claim 1 wherein the conductive line is a wordline.

Please cancel claims 13-14.

15. (Amended) A method of forming a conductive line comprising the following

steps:

forming a polysilicon layer;

forming a silicide layer against the layer of polysilicon;

during the forming of the silicide layer, providing a conductivity-enhancing impurity within the silicide layer; and

after providing the conductivity-enhancing impurity within the silicide layer, subjecting the silicide layer to a processing step of over 850°C for at least 10 seconds.

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- 16. The method of claim 15 wherein the forming the silicide layer comprises depositing a metal layer over the polysilicon and reacting the metal layer with the polysilicon, and wherein the conductivity-enhancing impurity is provided within the metal layer prior to the reacting the metal layer with the polysilicon.
- 17. (Amended) The method of claim 15 wherein the forming the silicide layer comprises depositing a metal layer over the polysilicon and reacting the metal layer with the polysilicon, and wherein the conductivity enhancing impurity is provided during a CVD process.
- 18. (Amended) The method of claim 15 wherein the conductivity-enhancing impurity is provided during one of a CVD process and a sputter deposition.
- 19. The method of claim 15 wherein the conductivity-enhancing impurity is provided to a concentration within the silicide layer of at least about 1 x 10¹⁸ ions/cm³.

20. (Amended) A method of forming a conductive line comprising the following steps:

forming a polysilicon layer;

forming a silicide layer against the layer of polysilicon;

providing a conductivity-enhancing impurity within the silicide layer; and subjecting the silicide layer to a rapid thermal processing step to exceed 850°C for at least 10 seconds while exposing the silicide layer to an oxygen-comprising atmosphere.

29. (Amended) A method of forming a conductive line comprising: forming a polysilicon layer; sputter depositing a silicide layer over the polysilicon layer; and

providing a conductivity-enhancing impurity within the silicide layer.

- 30. The method of claim 29 further comprising exposing the silicide layer to an oxygen-comprising atmosphere.
- 31. The method of claim 29 wherein the conductivity-enhancing impurity comprises phosphorous.

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32. The method of claim 29 further comprising providing a dopant within the polysilicon layer to a concentration of at least about 1 x 10¹⁹ ions/cm³.

Please cancel claims 33-36.

Please add the following new claims:

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37. (New) The method of claim 1 wherein after the providing of the conductivity-enhancing impurity, forming source/drain regions.

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- 38. (New) The method of claim 15 wherein after the providing of the conductivity-enhancing impurity, forming source/drain regions.
- 39. (New) The method of claim 20 wherein after the providing of the conductivity-enhancing impurity, forming source/drain regions.
- 40. (New) The method of claim 29 wherein after the providing of the conductivity-enhancing impurity, forming source/drain regions.